

**DERWENT-ACC-NO:** 2003-413983

**DERWENT-WEEK:** 200423

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**TITLE:** Authentication issue request/process  
apparatus and method in wireless public  
key infrastructure and authentication issue  
system using the same

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**PATENT-ASSIGNEE:** ELECTRONICS & TELECOM RES INST  
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**PATENT-FAMILY:**

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KR 2003005604 A	January 23, 2003	KO
KR 406525 B	November 22, 2003	KO

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
KR2003005604A	N/A	2001KR-040971	July 9, 2001
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**ABSTRACTED-PUB-NO:** KR 2003005604 A**BASIC-ABSTRACT:**

NOVELTY - An authentication issue request/process apparatus and method in a wireless public key infrastructure, and an authentication issue system using the same are provided to issue an authentication in the wireless public key infrastructure by a message signature function like a wireless markup language script sign text.

DESCRIPTION - An authentication issue request device(100) signs an authentication request message using a user' identification, password, a signature public key, and a signature authentication and transmits it to an authentication issue processor(200) through a wireless network(150). The authentication issue request device (100) includes an initial information input/generation and providing module(110), an authentication request message generating module(120), an authentication request message signature module (130), and an authentication request control module(140). The authentication issue processor(200) tests and processes the signed authentication request message of the authentication issue request device(100). The authentication issue processor(200) includes an authentication request message signature testing module(210) and an authentication request message process module(220).

**CHOSEN-DRAWING:** Dwg.1/10

**TITLE-TERMS:** AUTHENTICITY ISSUE REQUEST  
PROCESS APPARATUS METHOD  
WIRELESS PUBLIC KEY SYSTEM

**DERWENT-CLASS:** W01

**EPI-CODES:** W01-A05A; W01-A05B;